

CERTIFICATE OF ANALYSIS

Product: Passion Flower Extract 3.5% (*Passiflora Incarnata*, Aerial Parts) for use as a dietary supplement.

Lot No:	14305011664	Original Manufacturer:	Blue California Co.
Date of Manufacturing:	01-16-05	Extraction Solvent:	Ethanol aqueous solution
Expiration/re-test date:	01-16-08	Plant/Drug Extract Ratio:	Not Applied
QC acceptance date:	02-25-05	Carrier:	5-10% Maltodextrin

ATTRIBUTES	SPECIFICATION	METHODS	RESULTS
APPEARANCE	BROWN POWDER	VISUAL	PASS
FOREIGN MATTER	ABSENT	VISUAL	PASS
ODOR	CHARACTERISTIC	OLFACTORY	PASS
TASTE	CHARACTERISTIC	GUSTATORY	PASS
PRODUCT ID	TLC FINGERPRINT	TLC	PASS
TOTAL ISOVITEXINS	≥ 3.5%	HPLC	4.03%
LOSS ON DRYING	≤ 5%	USP 24	PASS
HEAVY METALS	< 10 ppm	USP 24	PASS
BULK DENSITY	0.3-0.6 g/ml	USP 24	PASS
TAP DENSITY	≥ 0.6 g/ml	USP 24	PASS
PARTICLE SIZE:	> 95% through Mesh #80 Sieve	USP 24	PASS
TOTAL PLATE COUNT	< 1,000 cfu/gm	AOAC	PASS
TOTAL COLIFORM	< 100 cfu/gm	AOAC	PASS
YEAST AND MOLDS	< 100 cfu/gm	AOAC	PASS
E. COLI:	NEGATIVE	AOAC	PASS
SALMONELLA	NEGATIVE	AOAC	PASS
SHELF LIFE	3 YEARS	HPLC	PASS

Carl Lai

02-25-05

CARL LAI, QUALITY MANAGER

ISSUE DATE

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- * THIS PRODUCT SHOULD BE STORED SEALED IN A COOL AND DRY PLACE.